

CT DEEP RBV Program: Macroinvertebrate Sorting Guide

CHOOSE THE BEST STARTING POINT (OPTION A OR B) TO BEGIN, THEN FOLLOW THE ARROWS TO REACH A LIST OF 'FINAL CANDIDATES' FOR WHO YOUR CRITTER MAY BE. CONSULT THE CORRESPONDING PANEL NUMBERS IN THE FIELD IDENTIFICATION CARDS TO MAKE A FINAL DETERMINATION.

**Drawings represent the approximate maximum size of each organism.*

This chart is for preliminary sorting purposes when implementing CT DEEP's RBV Program. It was designed to complement the RBV Field Identification Cards and data sheet. This chart is not intended to produce definitive identifications of macroinvertebrates. Additional information about RBV is available at www.ct.gov/deep/rbv.

**Start Option A: The Organism is
WIDE or FLAT
with MEDIUM to LARGE LEGS**

"Other" Organisms do not have Field ID Cards. Check your datasheet to see if your critter may be an "Other."

**START Option B: The Organism is
ROUND or CYLINDRICAL
with SMALL or NO LEGS**

Describe the organism's TAILS:

Describe the organism's LEGS:

3 Long Thin Tails



Panel 1:
Drunella
(Mayfly)



Panel 2:
Isonychia
(Mayfly)



Panel 11:
Stenonema
(Mayfly)



Panel 14:
Odonata
(Damselfly)

2 Long Thin Tails



Panel 3:
Epeorus
(Mayfly)



Panel 4:
Peltoperlidae
(Stonefly)



Panel 5A:
Perlidae
(Stonefly)

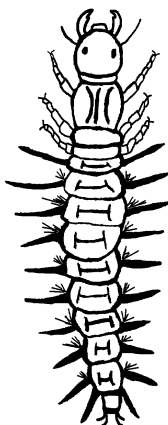


Panel 5B:
Pteronarycs
(Stonefly)



Panel 5C:
Misc. Stoneflies
(No ID Card)

NO Long Thin Tails



Panel 13A:
Corydalus
(Dobsonfly)



Panel 13B:
Nigronia
(Fishfly)



Panel 14:
Odonata
(Dragonfly)



Panel 15A:
Amphipod



Panel 15B:
Isopod

Builds a Shelter/Case



Panel 6A:
Glossosoma
(Caddisfly)



Panel 6B:
Apatania
(Caddisfly)



Panel 8A:
Brachycentrus
(Caddisfly)



Panel 8B:
Lepidostoma
(Caddisfly)

No Shelter/Case



Panel 7:
Rhyacophia
(Caddisfly)



Panel 9:
Hydropsychidae
(Caddisfly)



Panel 10:
Chimarra
(Caddisfly)

Hidden Legs



Panel 12:
Psephenus
(Water Penny Beetle)

With Legs

**Does the organism have
a SHELTER/CASE?**

Without Legs



Panel 15C:
Leech



Panel 15D:
Midge Larva

Panel 15E:
Black Fly
Larva



Panel 15F:
Snail



Panel 15G:
Worm

